

PATENT
Attorney's Docket No. 49769

COMBINED DECLARATION AND POWER OF ATTORNEY

As below named inventor, I hereby declare that

This declaration is of the following type: ORIGINAL

My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first, and sole inventor (*if only one name is listed below*) or an original, first, and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ASSOCIATIVE MEMORY ENTRIES WITH FORCE NO HIT AND PRIORITY
INDICATIONS OF PARTICULAR USE IN IMPLEMENTING POLICY MAPS IN
COMMUNICATION DEVICES**

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

As a named inventor, I hereby appoint **Kirk D. Williams, Reg. 42,229** to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I further direct that correspondence concerning this application be directed to:

CUSTOMER NUMBER 26327

Kirk D. Williams, Esq.

The Law Office of Kirk D. Williams

1234 S. OGDEN ST.

Denver, CO 80210

303-282-0151 (telephone)

303-778-0748 (facsimile)

I hereby declare that all statements made herein of my own knowledge are true, that all statements made on information and belief are believed to be true, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: **VENKATESHWAR RAO PULLELA**

Inventor's signature 

Date 7/7/03

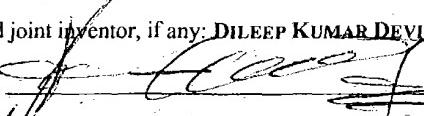
Country of Citizenship: **INDIA**

Residence: **SAN JOSE, CA**

Post Office Address: **3032 VIN GRANDE CT, SAN JOSE, CA 95135**

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Combined Declaration and Power of Attorney - Page 2

Full name of second joint inventor, if any: **DILEEP KUMAR DEVIREDDY**

Inventor's signature 

Date 07/07/2003

Country of Citizenship: **INDIA**

Residence: **SAN JOSE, CA**

Post Office Address: **4260 ALBANY DRIVE # I 110, SAN JOSE, CA 95129**

Full name of third joint inventor, if any: **BHUSHAN MANGESH KANEKAR**

Inventor's signature 

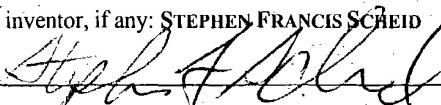
Date 07/07/2003

Country of Citizenship: **INDIA**

Residence: **SAN JOSE, CA**

Post Office Address: **4022 CHAMBERER DRIVE, SAN JOSE, CA 95135**

Full name of fourth joint inventor, if any: **STEPHEN FRANCIS SCHEID**

Inventor's signature 

Date 07/07/2003

Country of Citizenship: **UNITED STATES**

Residence: **CAMPBELL, CA**

Post Office Address: **1035 ERIN WAY, CAMPBELL, CA 95008**

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office
PATENT

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
 Resubmission (Non-Recordation)
 Document ID #
 Correction of PTO Error
 Reel # Frame #
 Corrective Document
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Conveyanc Type

- Assignment
 License
 Merger
 Security Agreement
 Change of Name
 Other:

Conveying Party(ies)

- | | | |
|------------------------------|-------------------|----------|
| 1. Pullela, Venkateshwar Rao | Execution Date(s) | 07072003 |
| 2. Devireddy, Dileep Kumar | | 07072003 |
| 3. Kanekar, Bhushan Mangesh | | 07072003 |
| 4. Scheid, Stephen Francis | | 07072003 |
| 5. | | |
| 6. | | |

Mark if Additional Names of Conveying Parties Attached

Receiving Party

Name Cisco Technology, Inc.
 Name a corporation of California
 Address 170 W. Tasman Drive
 Address
 Address San Jose CA
 City State/Country

95134
 Zip Code

Mark if Additional Names of Receiving Parties Attached

Correspondent Name and Address

The Law Office of Kirk D. Williams (Customer No. 26327) 1234 S. Ogden St. Denver, CO 80210-1713	Telephone: 303-282-0151 Facsimile: 303-778-0748 Attorney Docket No. 49769
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Pages Enter the total number of pages of the attached conveyance document including any attachments: 4

Application Number(s) or Patent Number(s) Mark if additional numbers attached
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Numbers

Patent Numbers

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year
 07072003

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT	PCT	PCT
PCT	PCT	PCT

Number of Properties

Enter the total number of properties involved: 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40

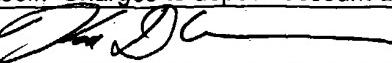
Method of Payment:

- Enclosed is check No. in the amount of \$40
 Charge Deposit Account No. 501430 in the amount of \$40

Authorization to Charge Additional Fees to Deposit Account No. 501430: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and attached is a true copy of the original document or the original itself. Charges to deposit account are authorized, as indicated herein.

Kirk D. Williams, Esq. (Reg. 42,229)		July 29, 2003
Name of Person Signing	Signature	Date

Attorney Docket No. 49769
CUSTOMER NUMBER 26327
The Law Office of Kirk D. Williams
Attorney at Law
1234 S. Ogden St., Denver, CO 80210

ASSIGNMENT

WHEREAS, WE, VENKATESHWAR RAO PULLELA (OF SAN JOSE, CA), DILEEP KUMAR DEVIREDDY (OF SAN JOSE, CA), BHUSHAN MANGESH KANEKAR (OF SAN JOSE, CA), AND STEPHEN FRANCIS SCHEID (OF CAMPBELL, CA), are the joint inventors of an invention entitled "ASSOCIATIVE MEMORY ENTRIES WITH FORCE NO HIT AND PRIORITY INDICATIONS OF PARTICULAR USE IN IMPLEMENTING POLICY MAPS IN COMMUNICATION DEVICES" as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS, Cisco Technology, Inc. (hereinafter referred to as Assignee), a corporation of the State of California having a place of business at 170 W. Tasman Drive, San Jose, CA 95134 is desirous of acquiring the entire United States domestic and foreign right, title, and interest in and under the invention described in the patent application and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we sell, assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights, title and interest in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications, including, but not limited to, provisional applications; non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions, that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, including the right to file foreign applications directly in the name of Assignee and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by Assignee and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by us had this assignment, transfer and sale not been made. We do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents on said invention to Assignee.

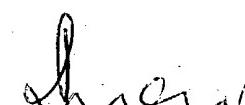
WE DO HEREBY COVENANT and agree with Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining patents of the United States and of any and all foreign countries on the invention,

ASSOCIATIVE MEMORY ENTRIES WITH FORCE NO HIT AND PRIORITY INDICATIONS
OF PARTICULAR USE IN IMPLEMENTING POLICY MAPS IN COMMUNICATION DEVICES
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including, but not limited to, provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions, and in enforcing any rights or causes in action accruing as a result of such applications or patents, and by executing statements and other affidavits, including executing all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

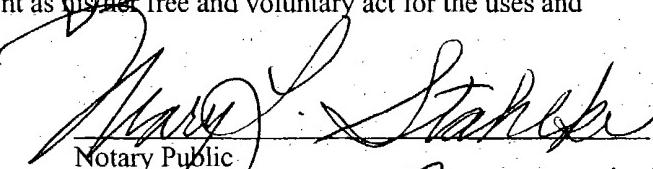
WE have hereunder set our hands on the dates shown below.

Date 7/7/03


VENKATESHWAR RAO PULLELA

STATE OF California)
COUNTY OF SANTA CLARA) SS:

On this 7th day of July, 2003, before me, a Notary Public in and for said county, appeared Venkateshwar Rao Pullela, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

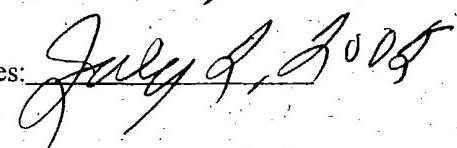

Notary Public

{SEAL}



MARY L. STAHLKE
Commission # 1307949
Notary Public - California
Santa Clara County
My Comm. Expires Jul 2, 2005

My Commission Expires:


July 2, 2005

Date 07/07/2003

DILEEP KUMAR DEVIREDDY

STATE OF California) SS:
COUNTY OF Santa Clara)

On this 7th day of July, 2003, before me, a Notary Public in and for said county, appeared Dileep Kumar Devireddy, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

MARY L. STAHLKE
Notary Public

My Commission Expires:

(SEAL) MARY L. STAHLKE
Commission # 1307949
Notary Public - California
Santa Clara County
My Comm. Expires Jul 2, 2005

Date 07/07/2003

BHUSHAN MANGESH KANEKAR

STATE OF California) SS:
COUNTY OF Santa Clara)

On this 7th day of July, 2003, before me, a Notary Public in and for said county, appeared Bhushan Mangesh Kanekar, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

MARY L. STAHLKE
Notary Public

My Commission Expires:

(SEAL) MARY L. STAHLKE
Commission # 1307949
Notary Public - California
Santa Clara County
My Comm. Expires Jul 2, 2005

ASSOCIATIVE MEMORY ENTRIES WITH FORCE NO HIT AND PRIORITY INDICATIONS
OF PARTICULAR USE IN IMPLEMENTING POLICY MAPS IN COMMUNICATION DEVICES
ASSIGNMENT PAGE 3 of 4

Date 07 JULY 2003

Stephen Francis Scheid

STATE OF California)
COUNTY OF Santa Clara) SS:

On this 7th day of July, 2003, before me, a Notary Public in and for said county, appeared Stephen Francis Scheid, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Mary L. Stahlke
Notary Public

My Commission Expires: July 2, 2005

{SEAL}



MARY L. STAHLKE
Commission # 1307949
Notary Public - California
Santa Clara County
My Comm. Expires Jul 2, 2005